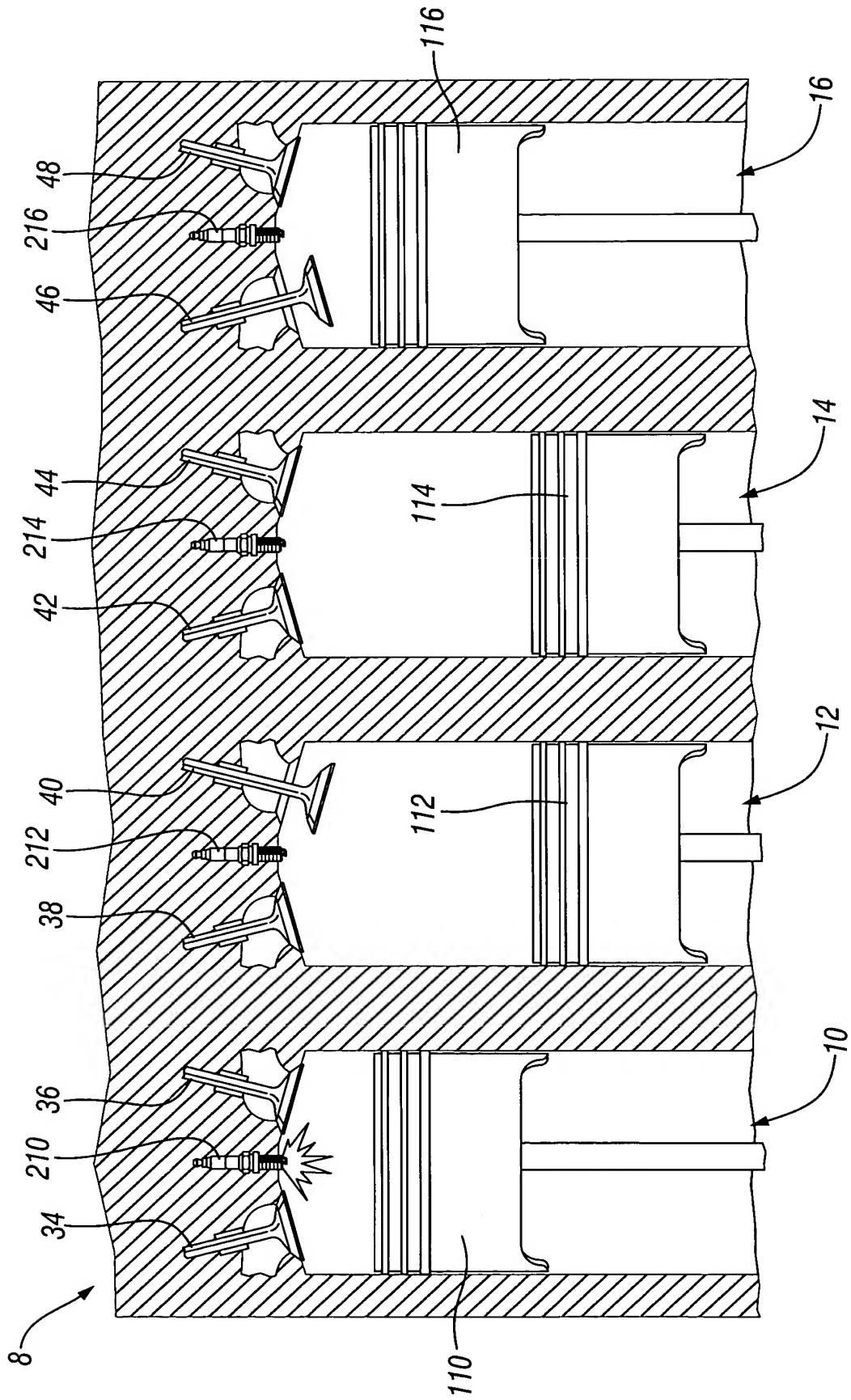


1/4



PRIOR ART

FIG. 1

	18			20			22			24		
	INLET VALVE 34	EXHAUST VALVE 36	STROKE	INLET VALVE 38	EXHAUST VALVE 40	STROKE	INLET VALVE 42	EXHAUST VALVE 44	STROKE	INLET VALVE 46	EXHAUST VALVE 48	STROKE
26 FIRST CYCLE	X	X	P	X	O	E	X	X	C	O	X	I
28 SECOND CYCLE	X	O	E	O	X	I	X	X	P	X	X	C
30 THIRD CYCLE	O	X	I	X	X	C	X	O	E	X	X	P
32 FOURTH CYCLE	X	X	C	X	X	P	O	X	I	X	O	E

PRIOR ART
FIG. 2

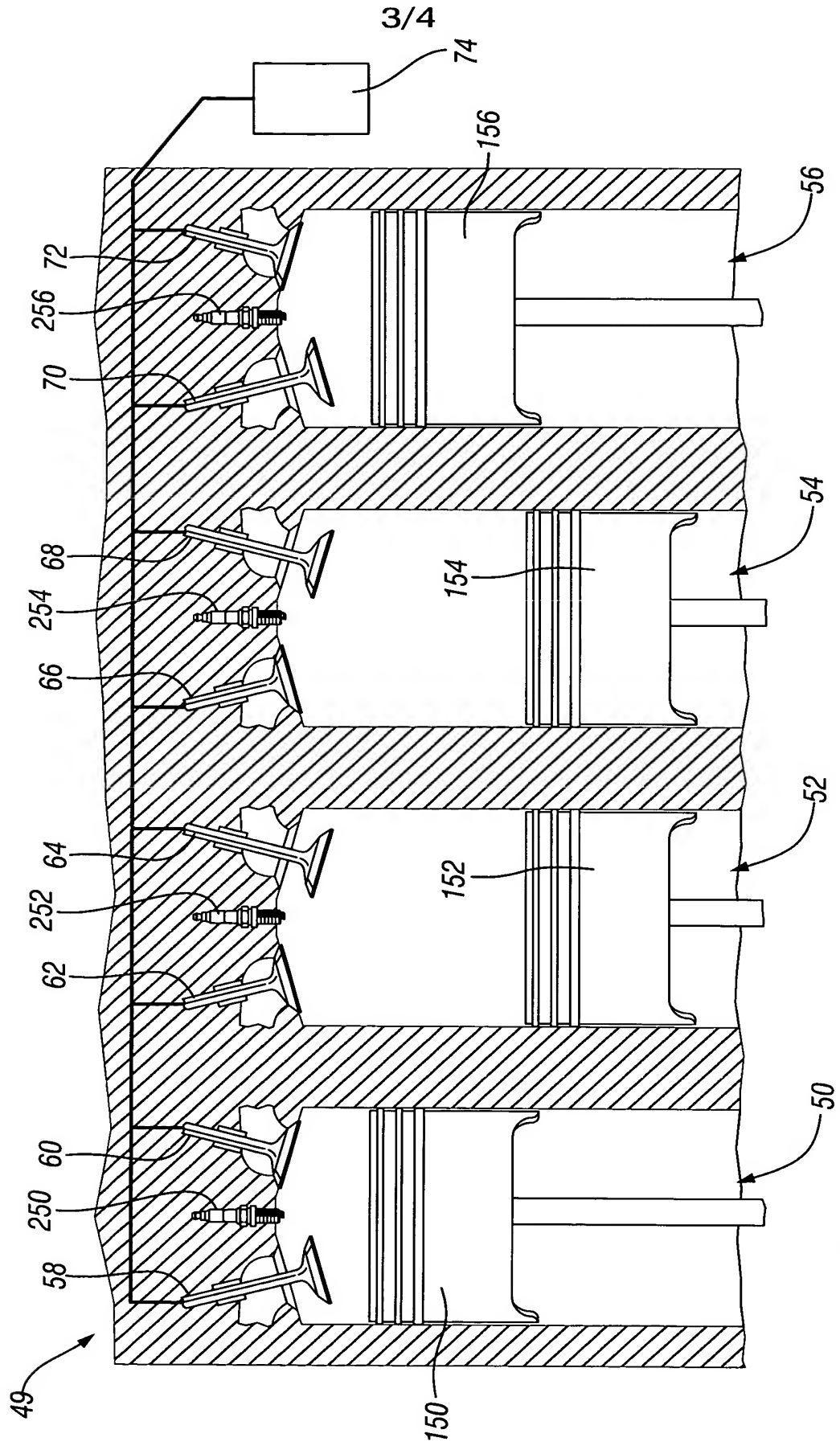


FIG. 3

	76			78			80			82		
	INLET VALVE 58	EXHAUST VALVE 60	STROKE	INLET VALVE 62	EXHAUST VALVE 64	STROKE	INLET VALVE 66	EXHAUST VALVE 68	STROKE	INLET VALVE 70	EXHAUST VALVE 72	STROKE
84 FIRST CYCLE	O	X	P	X	O	F	X	O	C	O	X	I
86 SECOND CYCLE	X	O	E	O	X	I	O	X	P	X	X	C
88 THIRD CYCLE	O	X	I	X	X	C	X	O	E	X	X	P

FIG. 4